

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
 Data File : PQ068314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 17:06
 Operator : YP\AJ
 Sample : P3675-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 DCYA6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:03:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.438	2.822	184.4E6	175.7E6	23.341	24.809
2) SA Decachlor...	8.610	7.600	129.1E6	191.0E6	56.764	56.485
Target Compounds						
3) L1 AR-1016-1	4.561	0.000	12583206	0	55.675	N.D. #
4) L1 AR-1016-2	4.561	0.000	12583206	0	35.752	N.D. #
5) L1 AR-1016-3	4.615	4.057f	11791103	1507508	54.176	8.594 #
6) L1 AR-1016-4	4.717	4.057	2375937	1507508	13.136	10.339
7) L1 AR-1016-5	4.997	4.238	1034616	3165461	5.953	17.188 #
8) L2 AR-1221-1	3.622	0.000	1492399	0	16.253	N.D. #
9) L2 AR-1221-2	3.716	3.092	3016801	2356799	47.254	39.538
10) L2 AR-1221-3	3.716f	0.000	3016801	0	14.607	N.D. #
12) L3 AR-1232-2	4.283	0.000	20701227	0	227.918	N.D. #
13) L3 AR-1232-3	4.561	4.057f	12583206	1507508	74.406	18.539 #
14) L3 AR-1232-4	4.717	4.057	2375937	1507508	27.499	21.582
15) L3 AR-1232-5	4.802	4.238	1424152	3165461	25.219	40.271 #
16) L4 AR-1242-1	4.561	0.000	12583206	0	61.561	N.D. #
17) L4 AR-1242-2	4.561	0.000	12583206	0	40.215	N.D. #
18) L4 AR-1242-3	4.615	4.057f	11791103	1507508	60.265	9.732 #
19) L4 AR-1242-4	4.717	4.057	2375937	1507508	14.701	10.303 #
20) L4 AR-1242-5	5.429	4.587	17888150	4327828	105.803	22.388 #
21) L5 AR-1248-1	4.561	0.000	12583206	0	81.731	N.D. #
22) L5 AR-1248-2	4.802	4.057	1424152	1507508	6.777	6.816
23) L5 AR-1248-3	4.997	4.057	1034616	1507508	4.101	7.020 #
24) L5 AR-1248-4	5.352f	4.238	15127109	3165461	53.797	11.986 #
25) L5 AR-1248-5	5.429	4.617	17888150	2014753	63.370	7.616 #
26) L6 AR-1254-1	5.352	4.587	15127109	4327828	54.680	11.014 #
27) L6 AR-1254-2	5.574	4.733	20398614	3288199	47.769	9.582 #
28) L6 AR-1254-3	5.930	5.117	14805142	5458125	32.963	10.084 #
29) L6 AR-1254-4	6.214	5.345	10031639	6047402	31.378	17.929 #
30) L6 AR-1254-5	6.626	5.748	7513992	8558680	21.672	17.566
31) L7 AR-1260-1	6.094	5.248	10405126	3364292	31.530	9.250 #
32) L7 AR-1260-2	6.355	5.436	5223211	3117667	13.862	7.103 #
33) L7 AR-1260-3	6.699	5.579	807153	4358549	2.919	10.112 #
34) L7 AR-1260-4	6.903	6.071	2855415	2611095	9.352	7.689
35) L7 AR-1260-5	7.260	6.285	5862924	1541874	10.046	1.943 #
36) L8 AR-1262-1	6.699	5.775	807153	352518	1.910	0.685 #
37) L8 AR-1262-2	7.260	6.285	5862924	1541874	8.584	1.712 #
38) L8 AR-1262-3	7.520	6.554	516577	2074252	1.167	6.039 #
39) L8 AR-1262-4	7.599	0.000	1384066	0	4.040	N.D. #
40) L8 AR-1262-5	8.083	7.175f	678699	1813048	3.232	5.801 #
41) L9 AR-1268-1	7.520	6.554	516577	2074252	0.672	2.082 #
42) L9 AR-1268-2	7.599	0.000	1384066	0	1.929	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:03:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

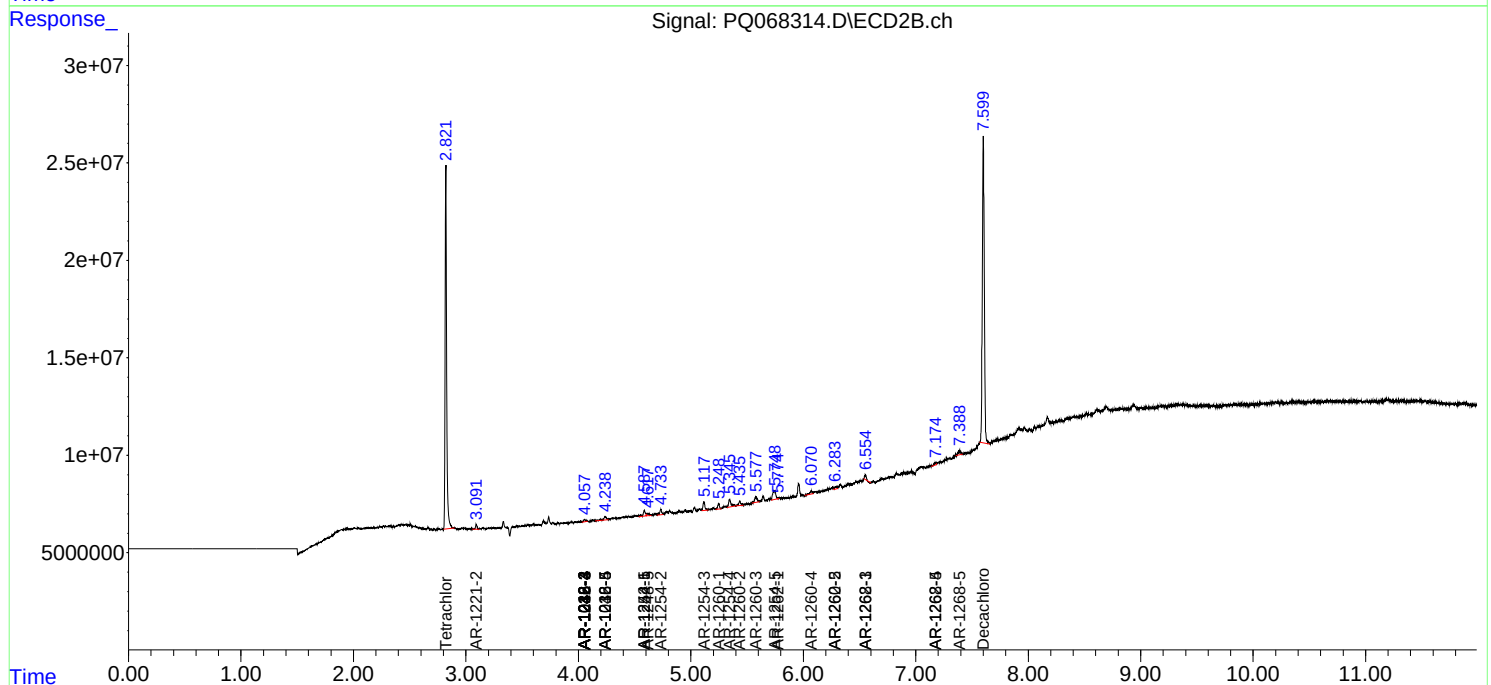
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

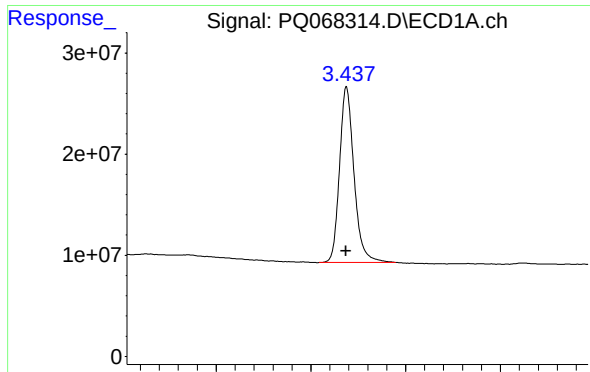
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	8.083	7.175f	678699	1813048	2.945	5.163 #
45)	L9 AR-1268-5	8.382	7.389	848197	3154121	0.522	1.305 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :
DCYA6

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

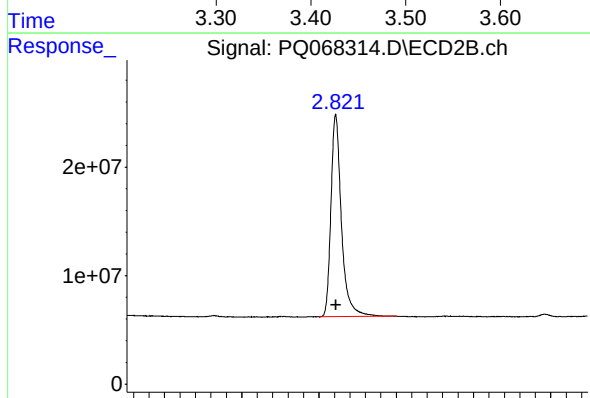




#1 Tetrachloro-m-xylene

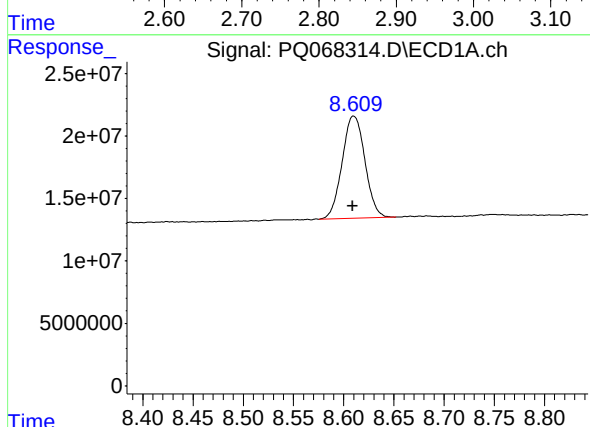
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 184404130
Conc: 23.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



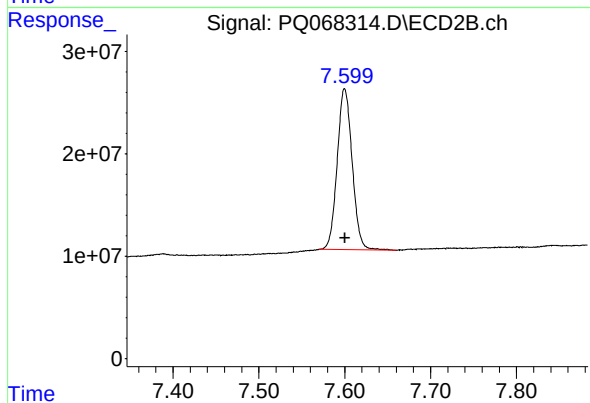
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 175708944
Conc: 24.81 ng/ml



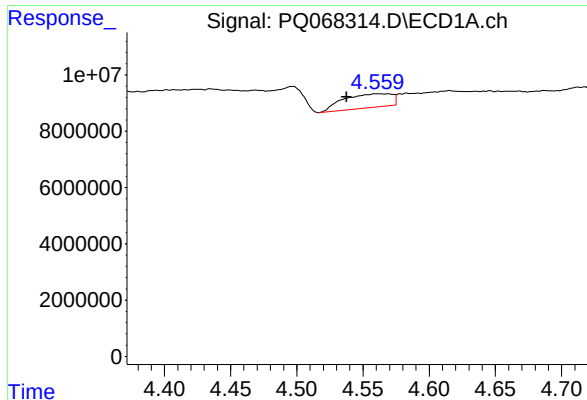
#2 Decachlorobiphenyl

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 129106621
Conc: 56.76 ng/ml



#2 Decachlorobiphenyl

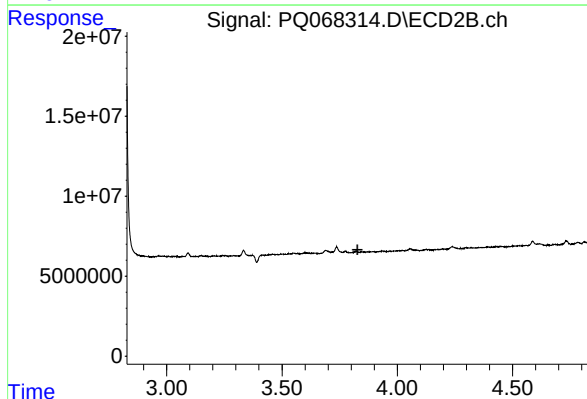
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 191036051
Conc: 56.49 ng/ml



#3 AR-1016-1

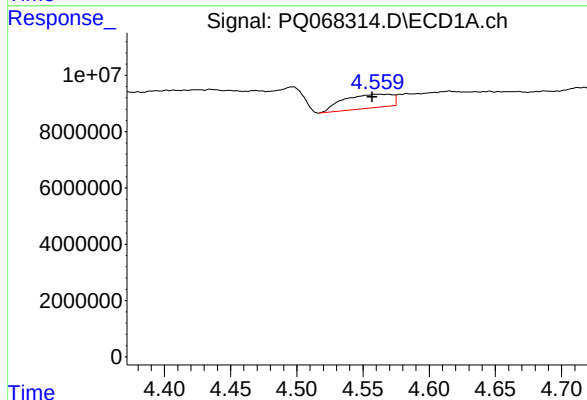
R.T.: 4.561 min
Delta R.T.: 0.023 min
Response: 12583206
Conc: 55.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



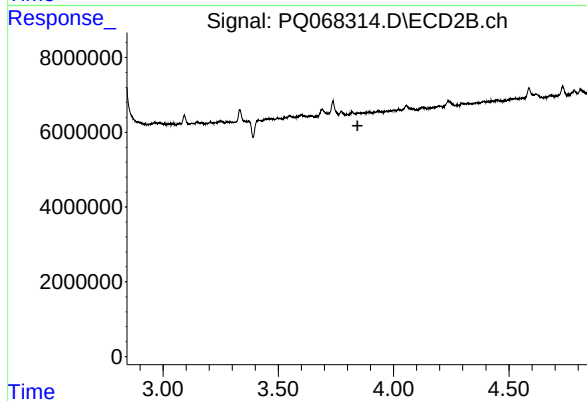
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



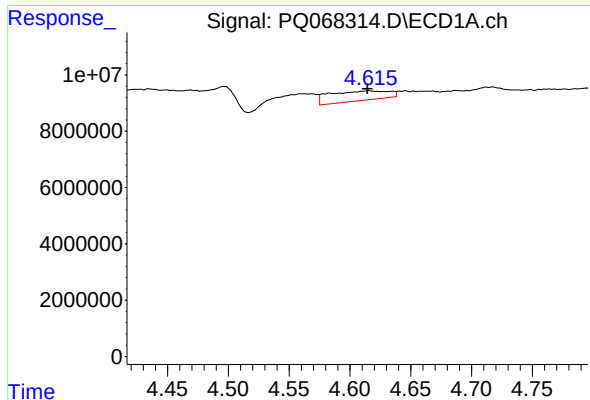
#4 AR-1016-2

R.T.: 4.561 min
Delta R.T.: 0.004 min
Response: 12583206
Conc: 35.75 ng/ml



#4 AR-1016-2

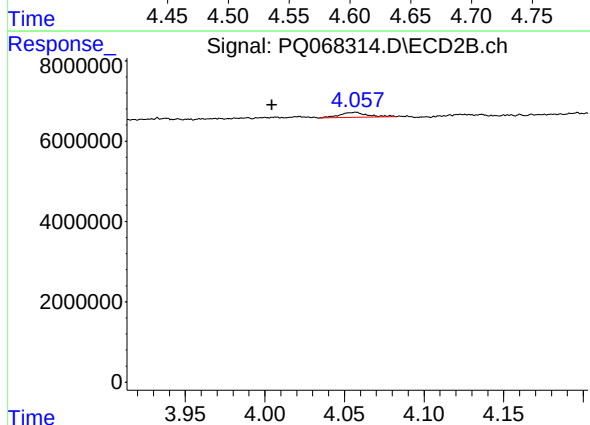
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#5 AR-1016-3

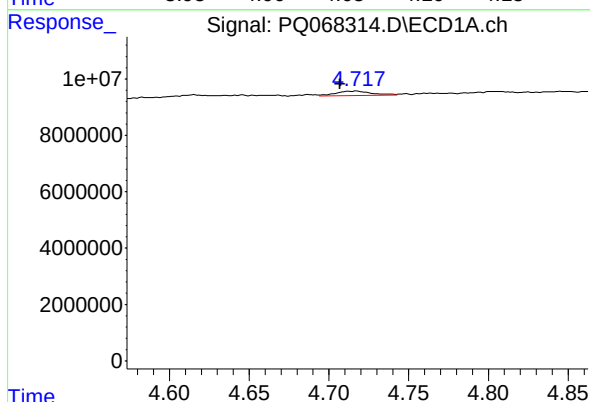
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 11791103
Conc: 54.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



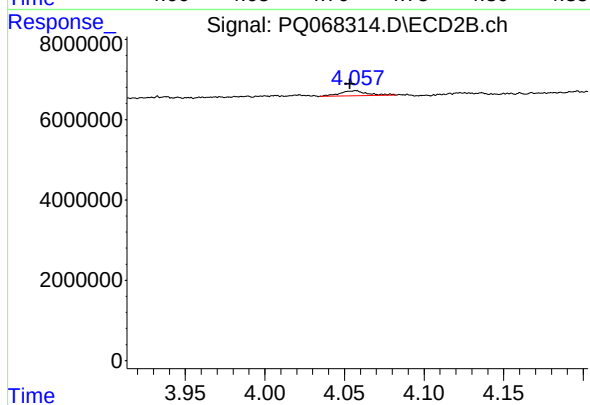
#5 AR-1016-3

R.T.: 4.057 min
Delta R.T.: 0.052 min
Response: 1507508
Conc: 8.59 ng/ml



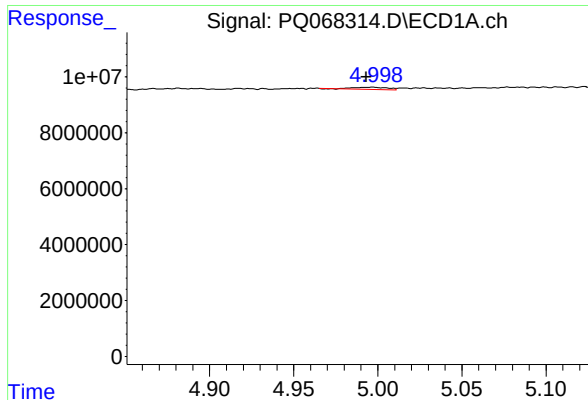
#6 AR-1016-4

R.T.: 4.717 min
Delta R.T.: 0.010 min
Response: 2375937
Conc: 13.14 ng/ml



#6 AR-1016-4

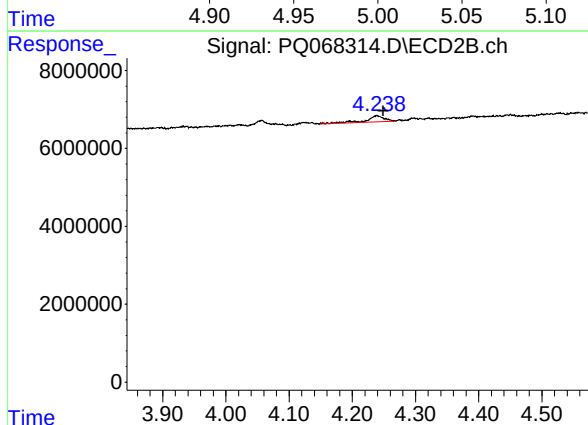
R.T.: 4.057 min
Delta R.T.: 0.003 min
Response: 1507508
Conc: 10.34 ng/ml



#7 AR-1016-5

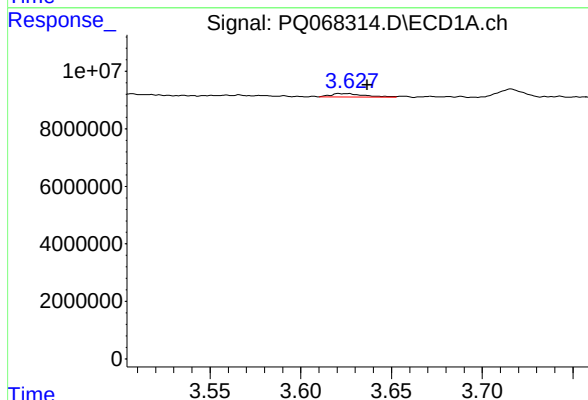
R.T.: 4.997 min
Delta R.T.: 0.004 min
Response: 1034616
Conc: 5.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



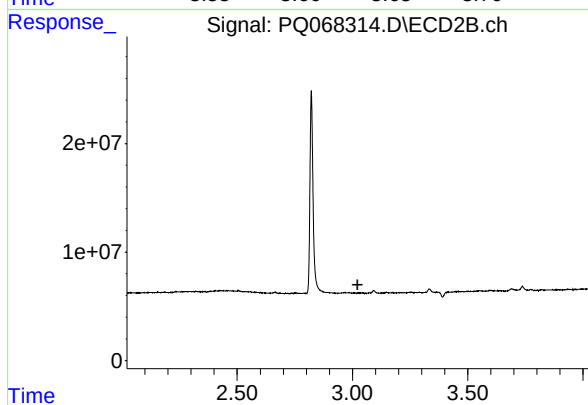
#7 AR-1016-5

R.T.: 4.238 min
Delta R.T.: -0.011 min
Response: 3165461
Conc: 17.19 ng/ml



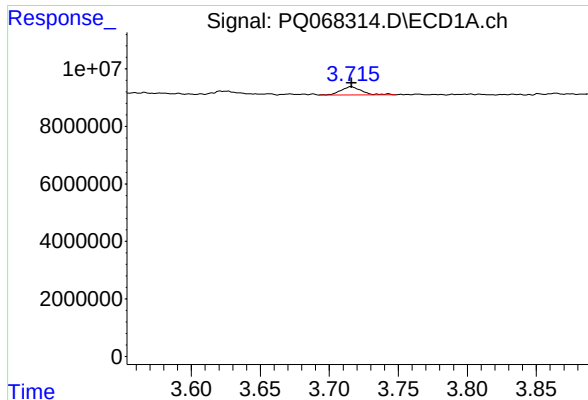
#8 AR-1221-1

R.T.: 3.622 min
Delta R.T.: -0.015 min
Response: 1492399
Conc: 16.25 ng/ml



#8 AR-1221-1

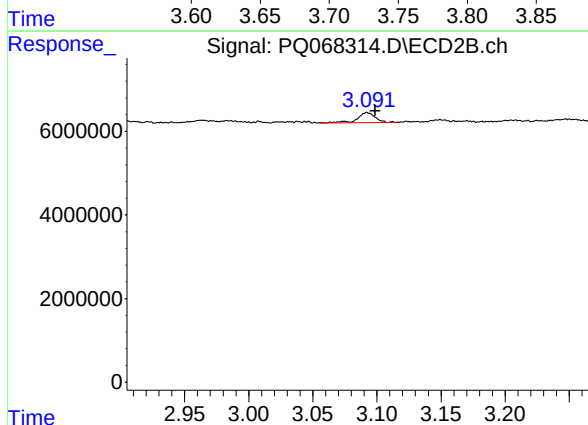
R.T.: 0.000 min
Exp R.T.: 3.022 min
Response: 0
Conc: N.D.



#9 AR-1221-2

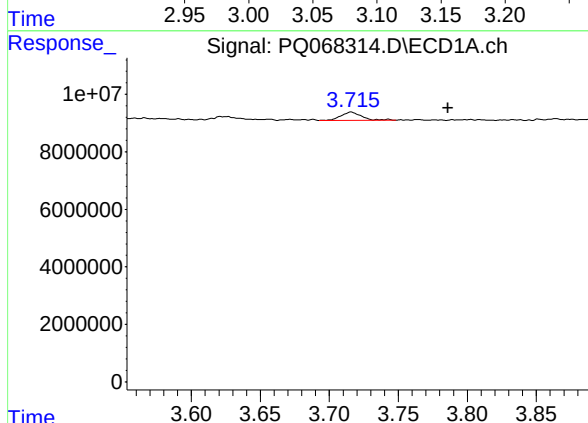
R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 3016801
Conc: 47.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



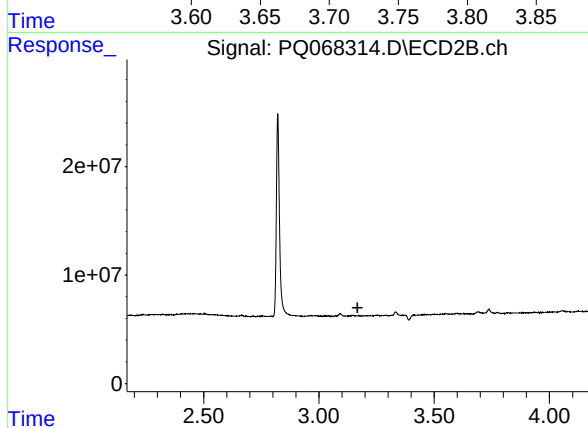
#9 AR-1221-2

R.T.: 3.092 min
Delta R.T.: -0.007 min
Response: 2356799
Conc: 39.54 ng/ml



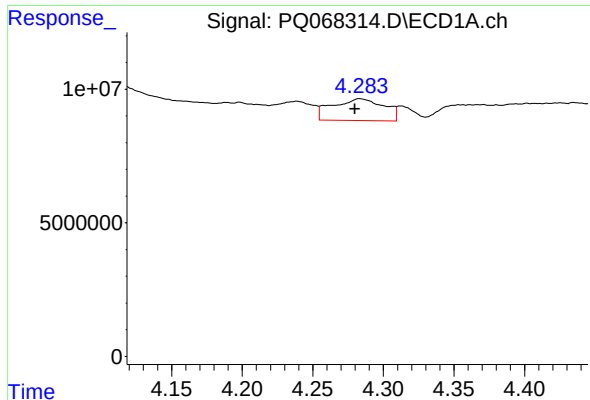
#10 AR-1221-3

R.T.: 3.716 min
Delta R.T.: -0.070 min
Response: 3016801
Conc: 14.61 ng/ml



#10 AR-1221-3

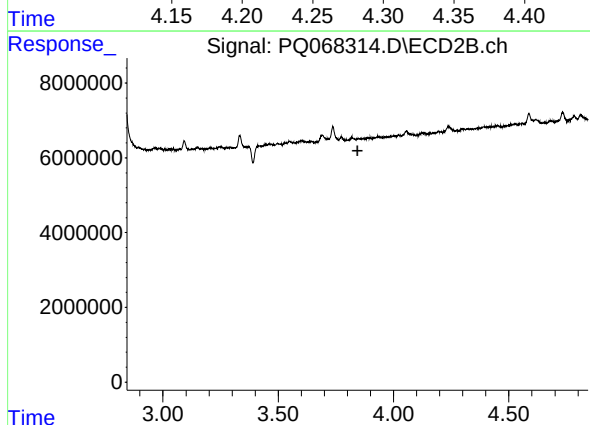
R.T.: 0.000 min
Exp R.T.: 3.168 min
Response: 0
Conc: N.D.



#12 AR-1232-2

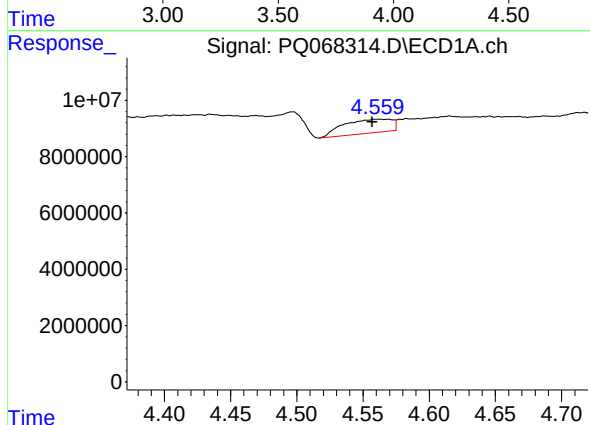
R.T.: 4.283 min
Delta R.T.: 0.003 min
Response: 20701227
Conc: 227.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



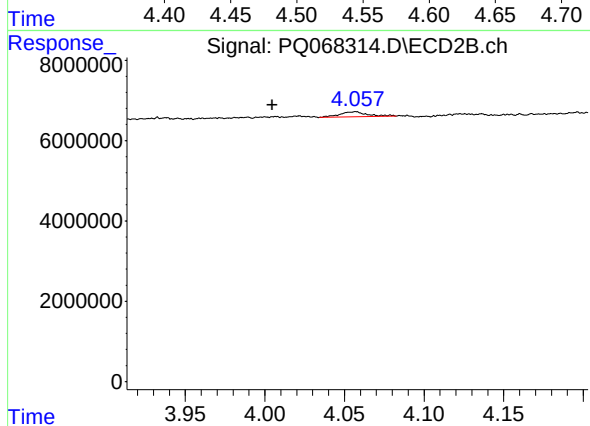
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 3.844 min
Response: 0
Conc: N.D.



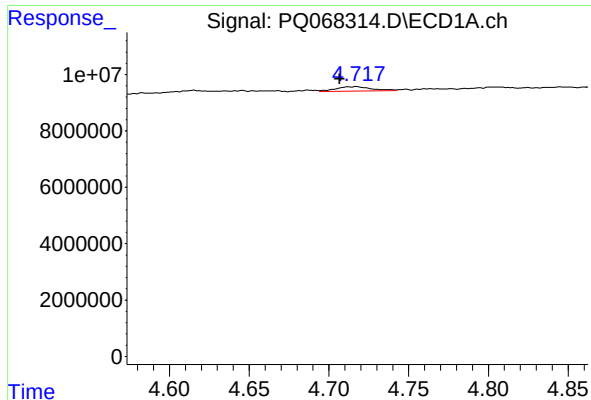
#13 AR-1232-3

R.T.: 4.561 min
Delta R.T.: 0.004 min
Response: 12583206
Conc: 74.41 ng/ml



#13 AR-1232-3

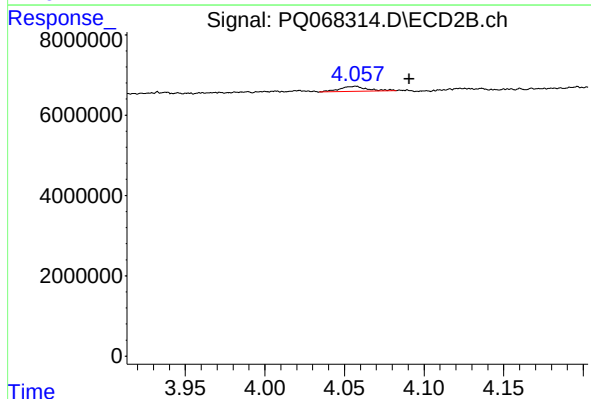
R.T.: 4.057 min
Delta R.T.: 0.052 min
Response: 1507508
Conc: 18.54 ng/ml



#14 AR-1232-4

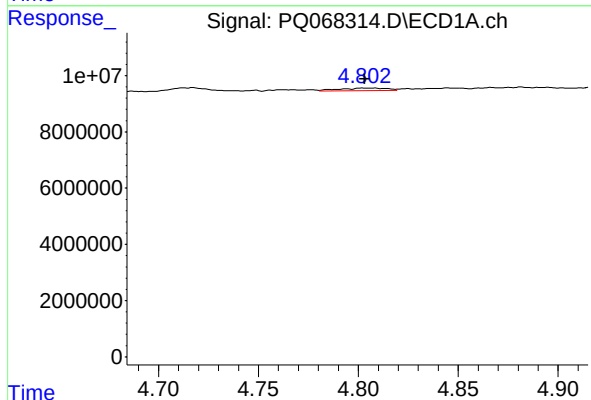
R.T.: 4.717 min
Delta R.T.: 0.010 min
Response: 2375937
Conc: 27.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



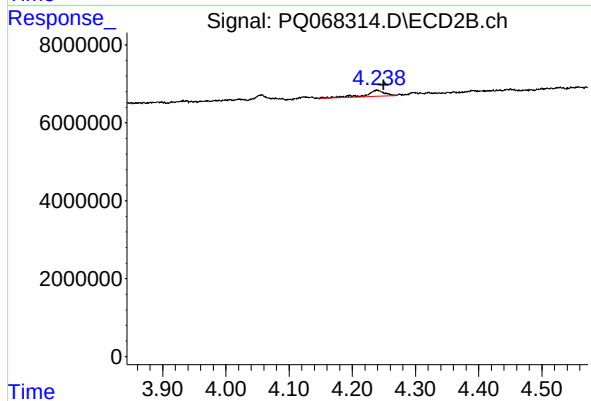
#14 AR-1232-4

R.T.: 4.057 min
Delta R.T.: -0.034 min
Response: 1507508
Conc: 21.58 ng/ml



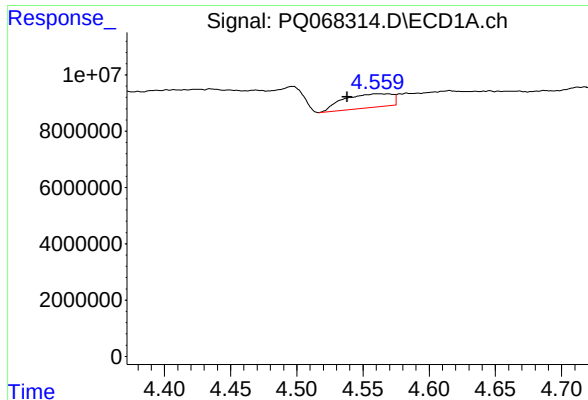
#15 AR-1232-5

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 1424152
Conc: 25.22 ng/ml



#15 AR-1232-5

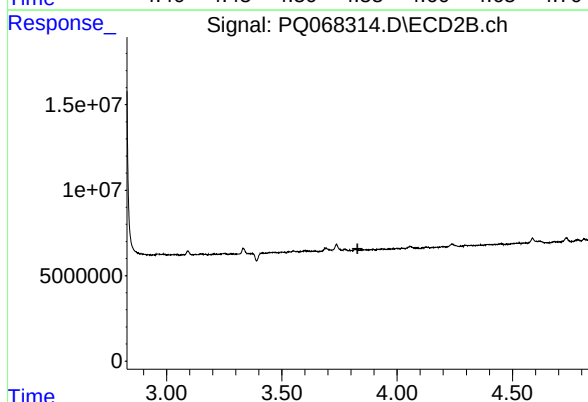
R.T.: 4.238 min
Delta R.T.: -0.011 min
Response: 3165461
Conc: 40.27 ng/ml



#16 AR-1242-1

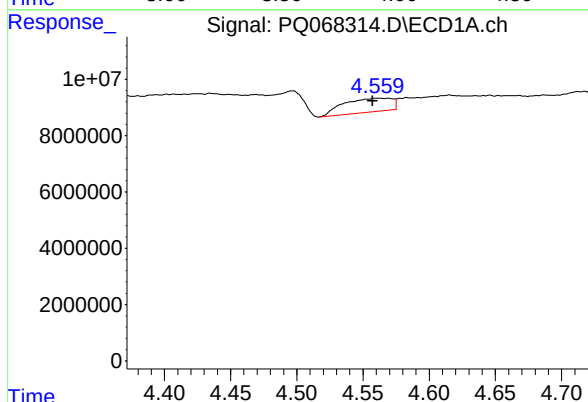
R.T.: 4.561 min
Delta R.T.: 0.023 min
Response: 12583206
Conc: 61.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



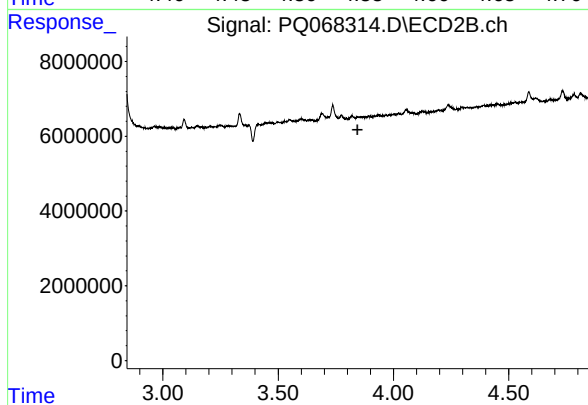
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 3.828 min
Response: 0
Conc: N.D.



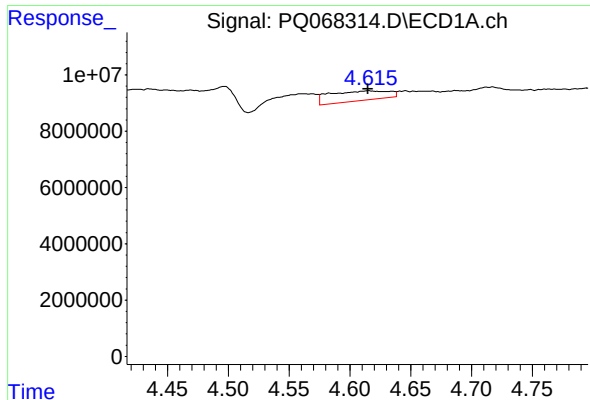
#17 AR-1242-2

R.T.: 4.561 min
Delta R.T.: 0.004 min
Response: 12583206
Conc: 40.21 ng/ml



#17 AR-1242-2

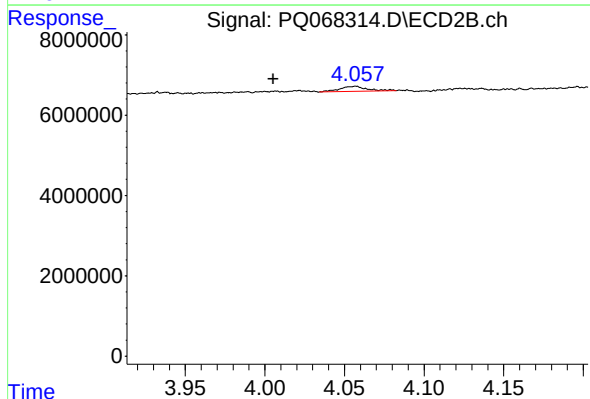
R.T.: 0.000 min
Exp R.T. : 3.844 min
Response: 0
Conc: N.D.



#18 AR-1242-3

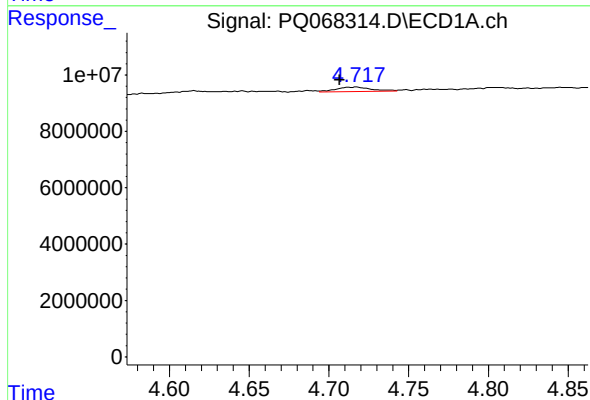
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 11791103
Conc: 60.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



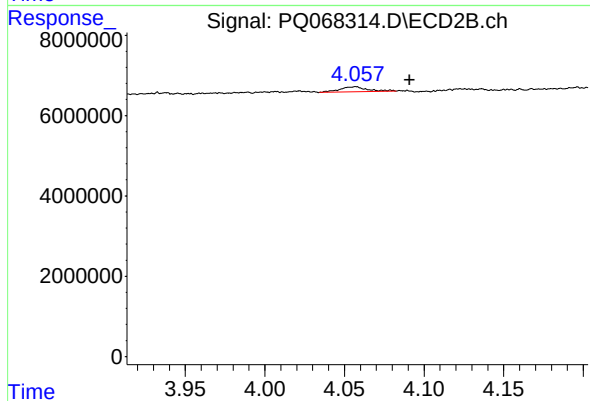
#18 AR-1242-3

R.T.: 4.057 min
Delta R.T.: 0.052 min
Response: 1507508
Conc: 9.73 ng/ml



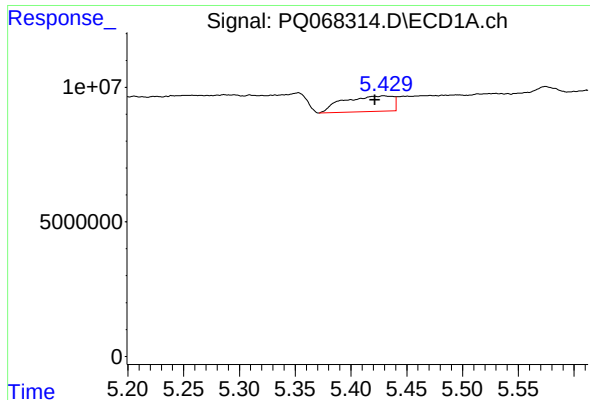
#19 AR-1242-4

R.T.: 4.717 min
Delta R.T.: 0.010 min
Response: 2375937
Conc: 14.70 ng/ml



#19 AR-1242-4

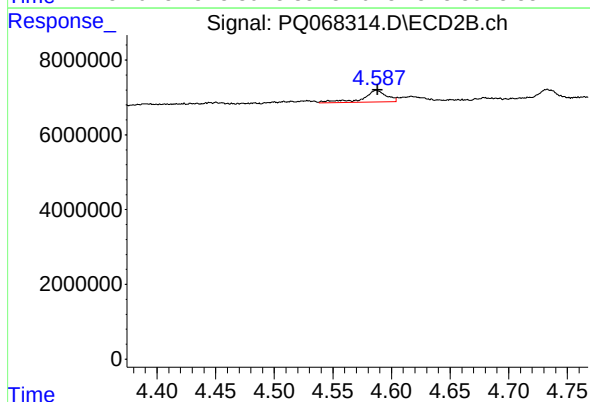
R.T.: 4.057 min
Delta R.T.: -0.034 min
Response: 1507508
Conc: 10.30 ng/ml



#20 AR-1242-5

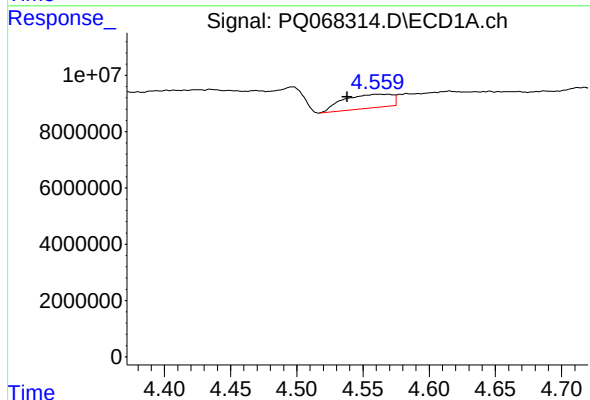
R.T.: 5.429 min
Delta R.T.: 0.008 min
Response: 17888150
Conc: 105.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



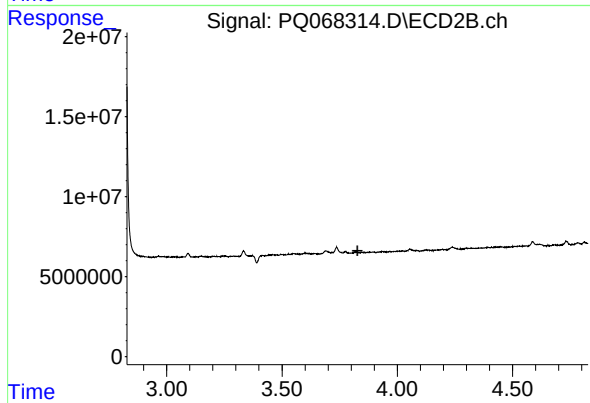
#20 AR-1242-5

R.T.: 4.587 min
Delta R.T.: -0.001 min
Response: 4327828
Conc: 22.39 ng/ml



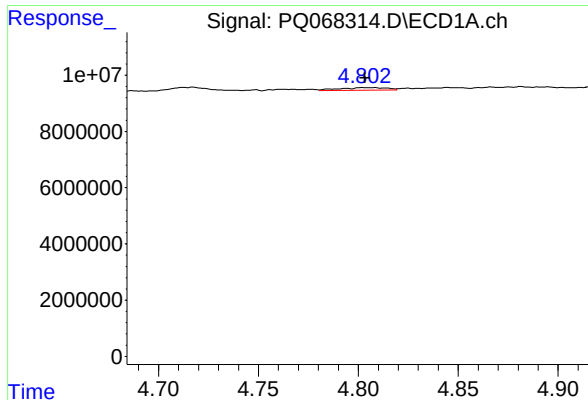
#21 AR-1248-1

R.T.: 4.561 min
Delta R.T.: 0.023 min
Response: 12583206
Conc: 81.73 ng/ml



#21 AR-1248-1

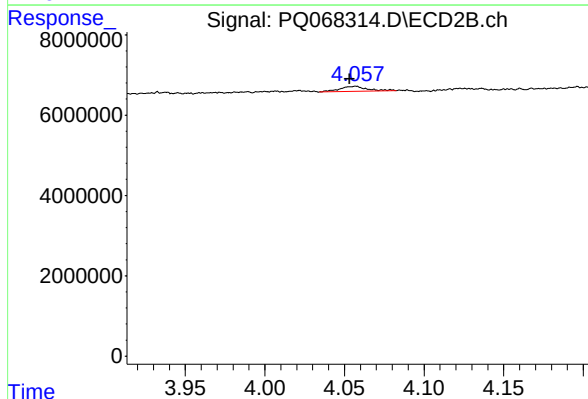
R.T.: 0.000 min
Exp R.T.: 3.828 min
Response: 0
Conc: N.D.



#22 AR-1248-2

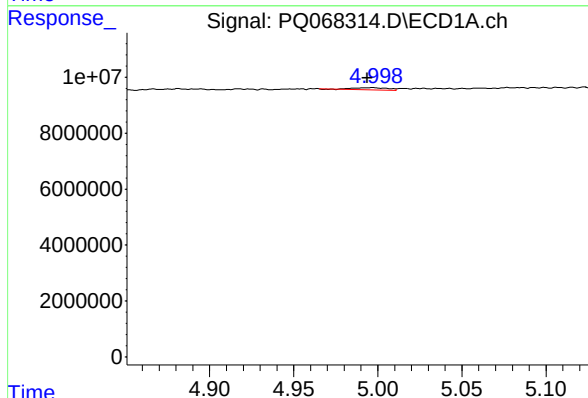
R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 1424152
Conc: 6.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



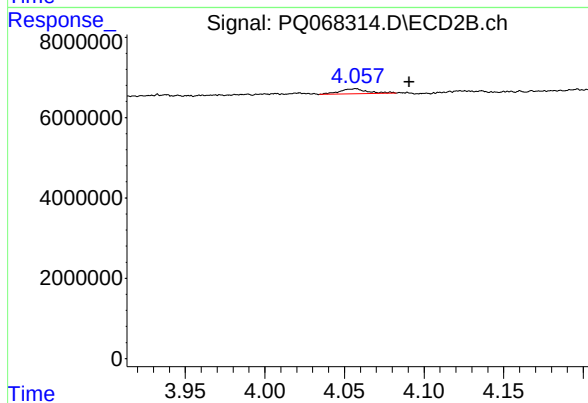
#22 AR-1248-2

R.T.: 4.057 min
Delta R.T.: 0.004 min
Response: 1507508
Conc: 6.82 ng/ml



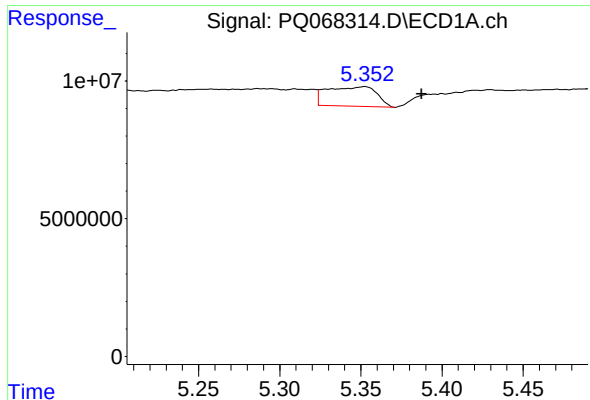
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: 0.003 min
Response: 1034616
Conc: 4.10 ng/ml



#23 AR-1248-3

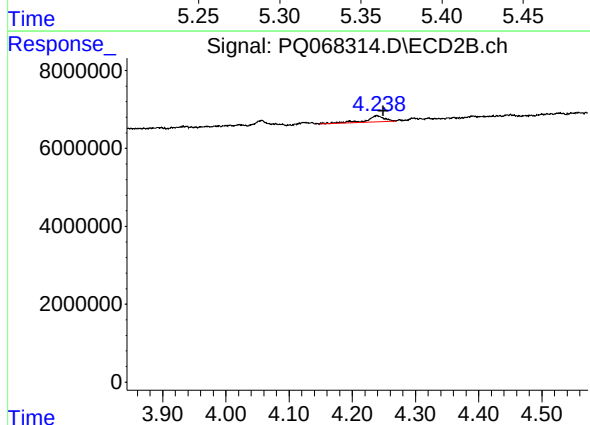
R.T.: 4.057 min
Delta R.T.: -0.034 min
Response: 1507508
Conc: 7.02 ng/ml



#24 AR-1248-4

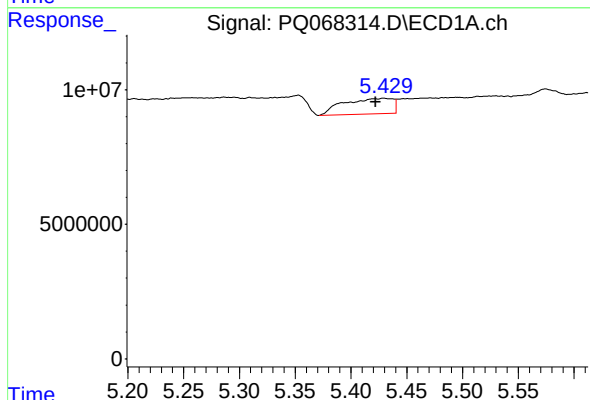
R.T.: 5.352 min
Delta R.T.: -0.035 min
Response: 15127109
Conc: 53.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



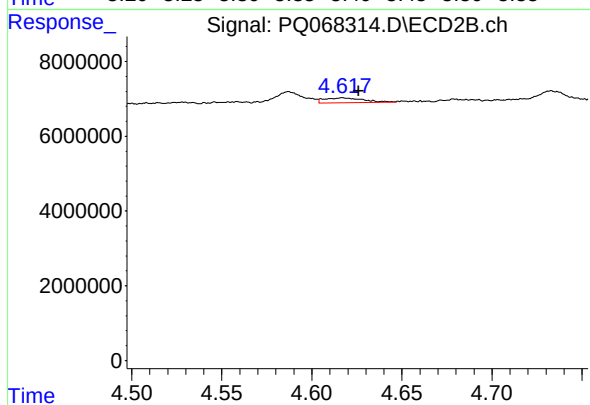
#24 AR-1248-4

R.T.: 4.238 min
Delta R.T.: -0.011 min
Response: 3165461
Conc: 11.99 ng/ml



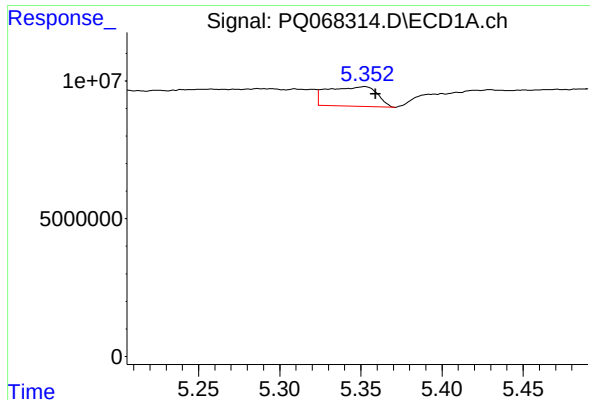
#25 AR-1248-5

R.T.: 5.429 min
Delta R.T.: 0.007 min
Response: 17888150
Conc: 63.37 ng/ml



#25 AR-1248-5

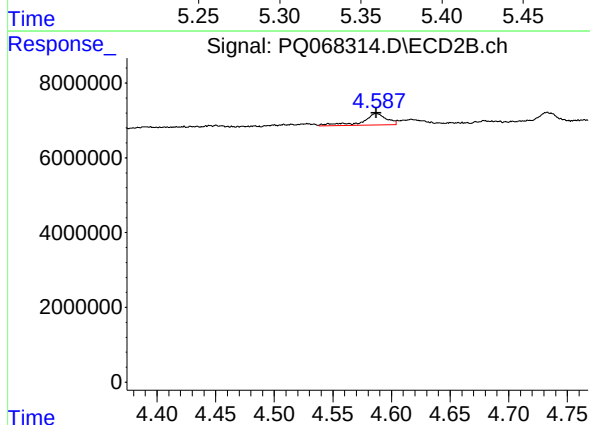
R.T.: 4.617 min
Delta R.T.: -0.009 min
Response: 2014753
Conc: 7.62 ng/ml



#26 AR-1254-1

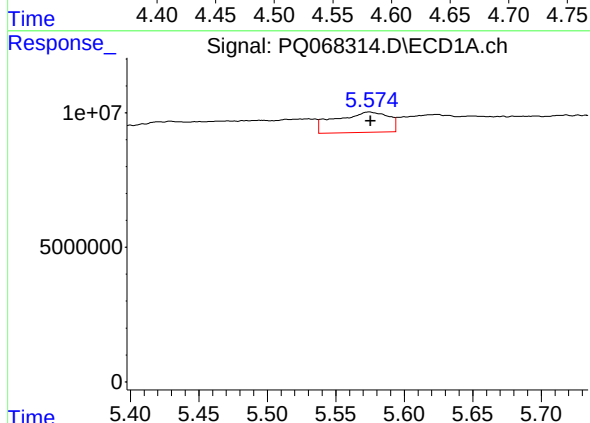
R.T.: 5.352 min
Delta R.T.: -0.007 min
Response: 15127109
Conc: 54.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



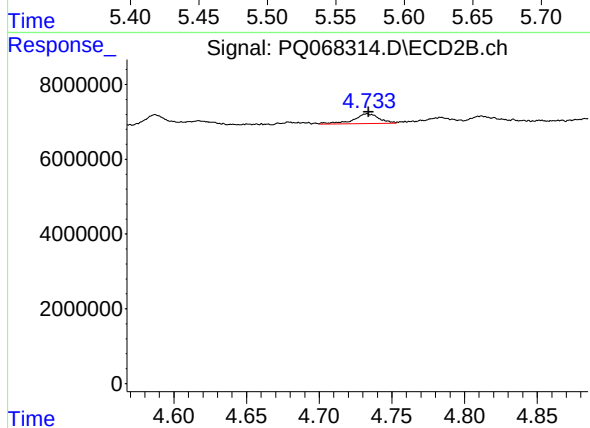
#26 AR-1254-1

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 4327828
Conc: 11.01 ng/ml



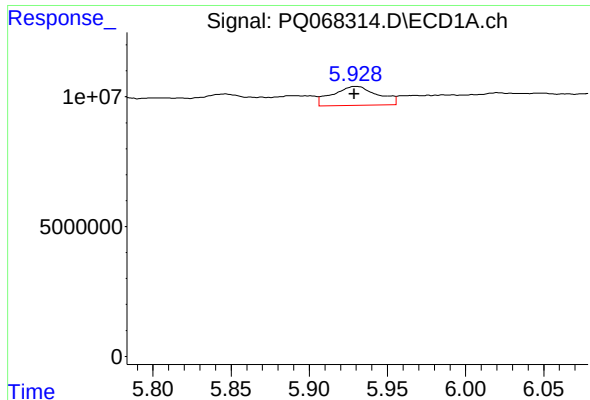
#27 AR-1254-2

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 20398614
Conc: 47.77 ng/ml



#27 AR-1254-2

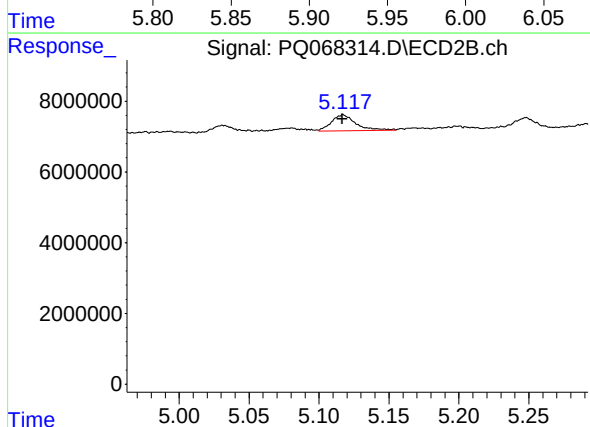
R.T.: 4.733 min
Delta R.T.: -0.001 min
Response: 3288199
Conc: 9.58 ng/ml



#28 AR-1254-3

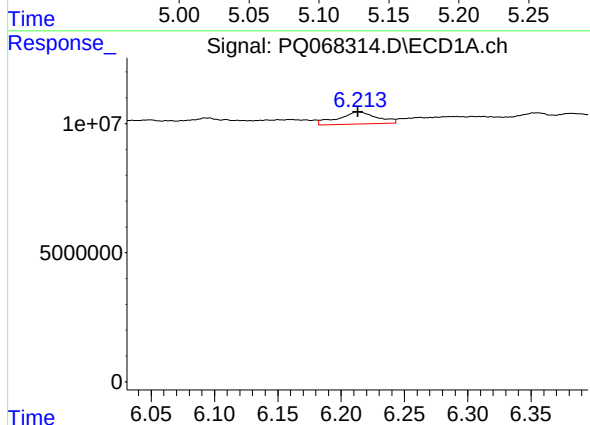
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 14805142
Conc: 32.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



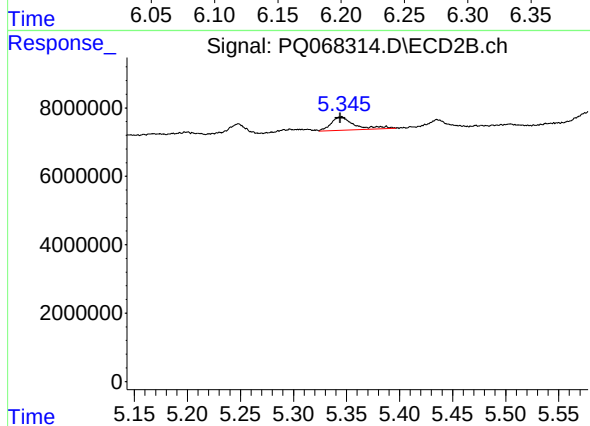
#28 AR-1254-3

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 5458125
Conc: 10.08 ng/ml



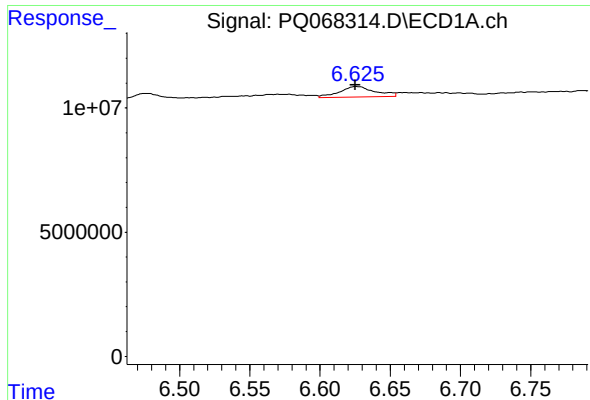
#29 AR-1254-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 10031639
Conc: 31.38 ng/ml



#29 AR-1254-4

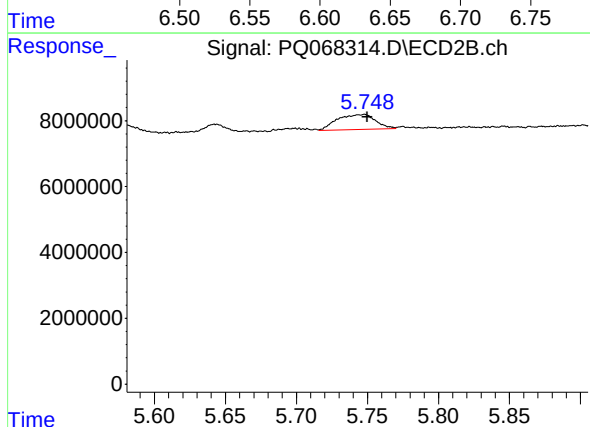
R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 6047402
Conc: 17.93 ng/ml



#30 AR-1254-5

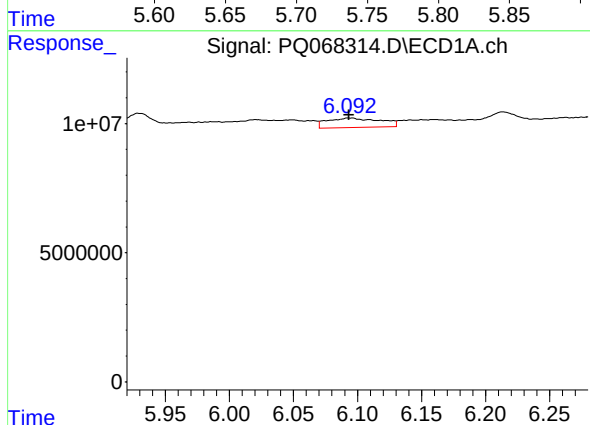
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 7513992
Conc: 21.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



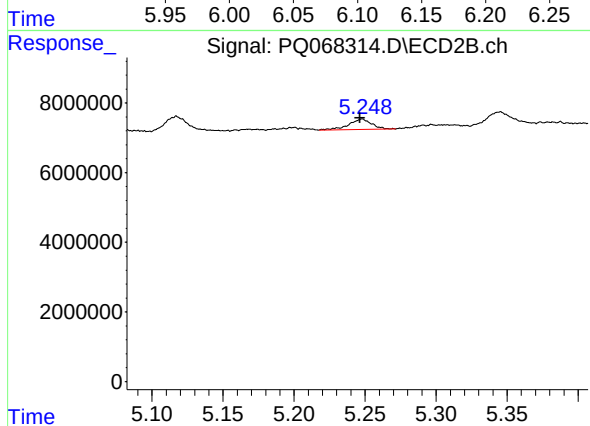
#30 AR-1254-5

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 8558680
Conc: 17.57 ng/ml



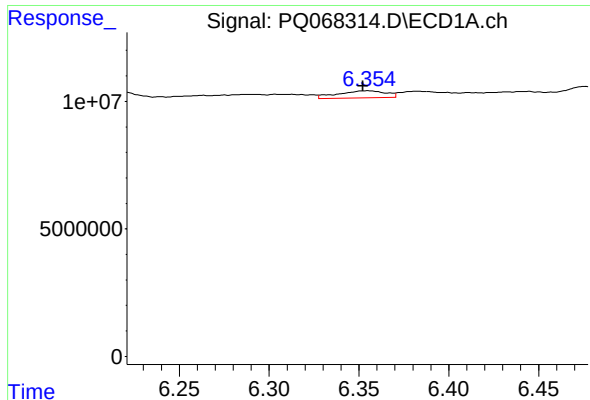
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 10405126
Conc: 31.53 ng/ml



#31 AR-1260-1

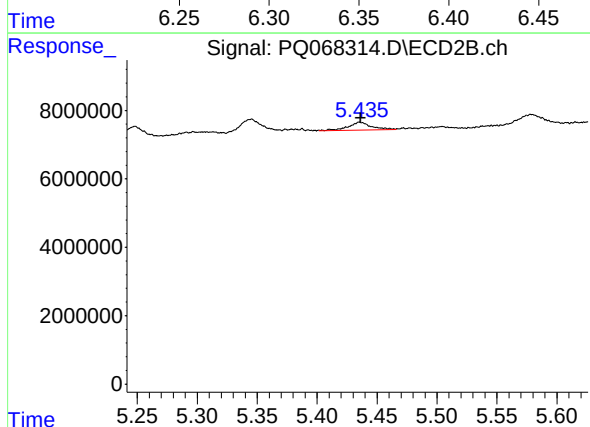
R.T.: 5.248 min
Delta R.T.: 0.001 min
Response: 3364292
Conc: 9.25 ng/ml



#32 AR-1260-2

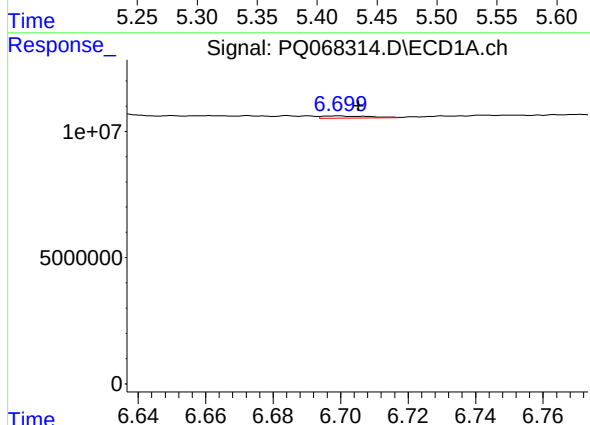
R.T.: 6.355 min
Delta R.T.: 0.003 min
Response: 5223211
Conc: 13.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



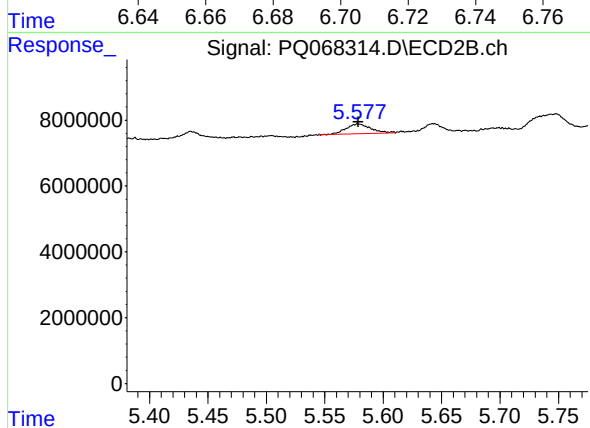
#32 AR-1260-2

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 3117667
Conc: 7.10 ng/ml



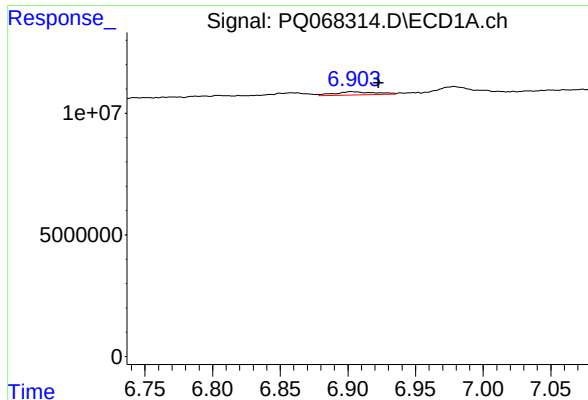
#33 AR-1260-3

R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 807153
Conc: 2.92 ng/ml



#33 AR-1260-3

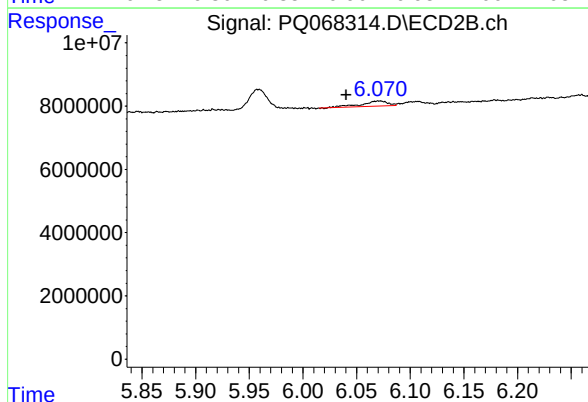
R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 4358549
Conc: 10.11 ng/ml



#34 AR-1260-4

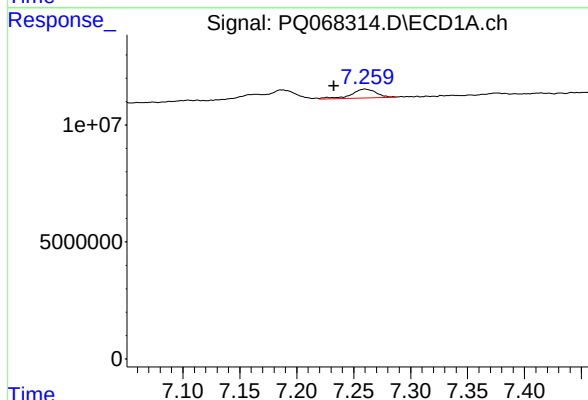
R.T.: 6.903 min
Delta R.T.: -0.020 min
Response: 2855415
Conc: 9.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



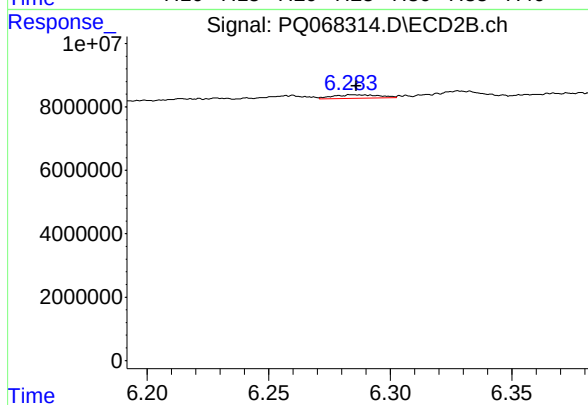
#34 AR-1260-4

R.T.: 6.071 min
Delta R.T.: 0.031 min
Response: 2611095
Conc: 7.69 ng/ml



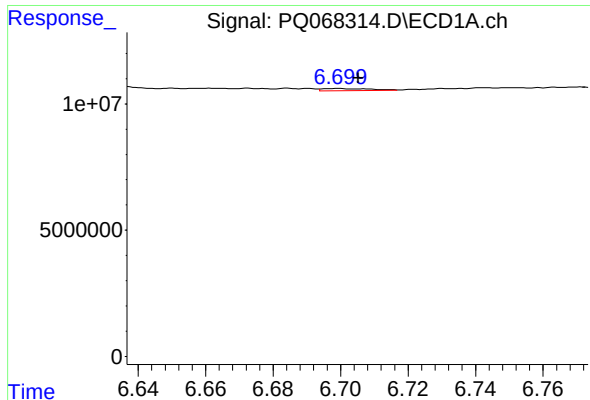
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: 0.027 min
Response: 5862924
Conc: 10.05 ng/ml



#35 AR-1260-5

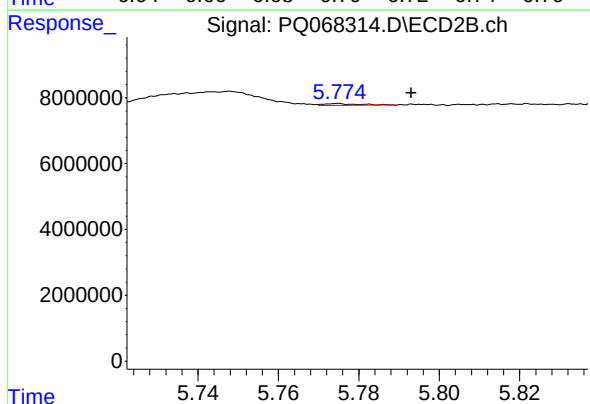
R.T.: 6.285 min
Delta R.T.: -0.001 min
Response: 1541874
Conc: 1.94 ng/ml



#36 AR-1262-1

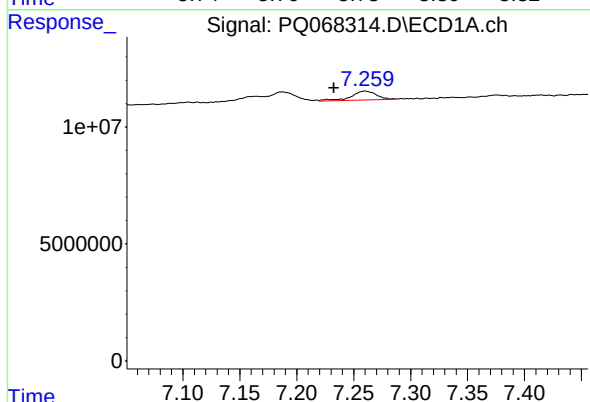
R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 807153
Conc: 1.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



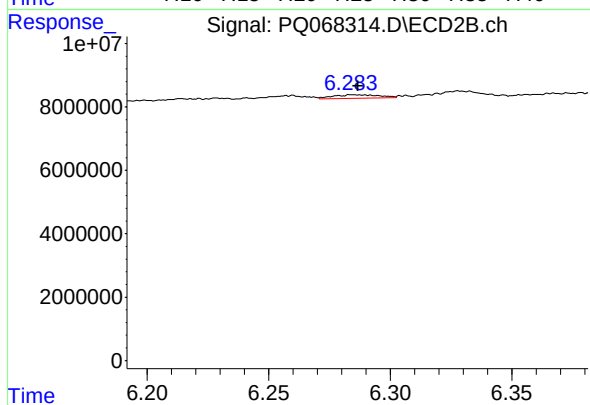
#36 AR-1262-1

R.T.: 5.775 min
Delta R.T.: -0.018 min
Response: 352518
Conc: 0.69 ng/ml



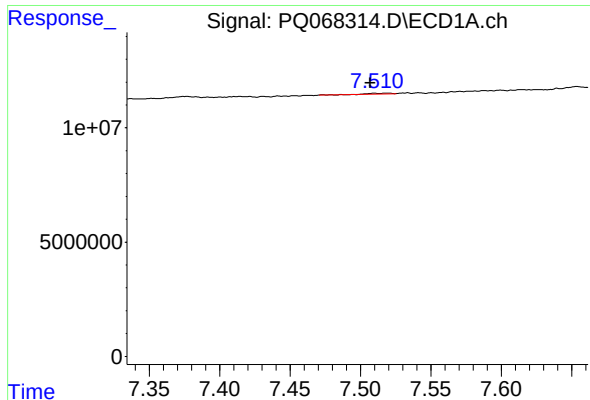
#37 AR-1262-2

R.T.: 7.260 min
Delta R.T.: 0.027 min
Response: 5862924
Conc: 8.58 ng/ml



#37 AR-1262-2

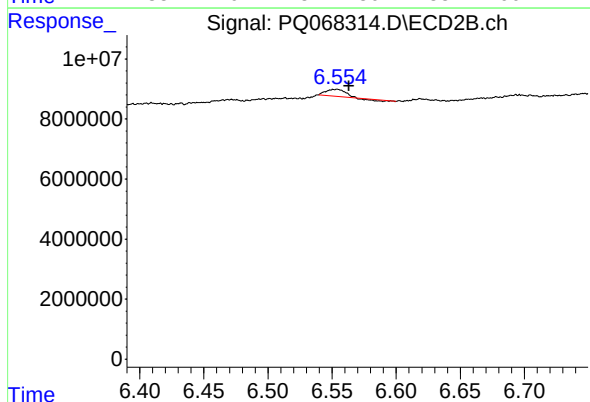
R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 1541874
Conc: 1.71 ng/ml



#38 AR-1262-3

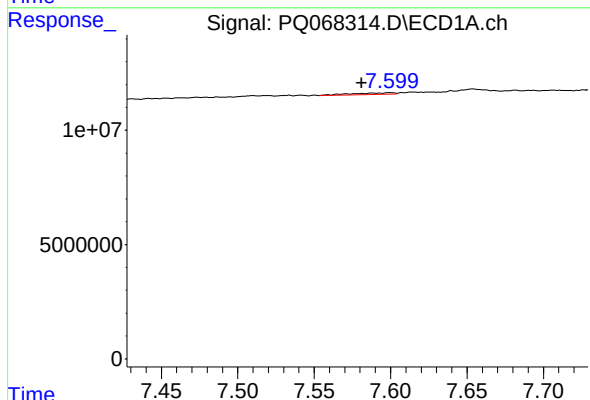
R.T.: 7.520 min
Delta R.T.: 0.013 min
Response: 516577
Conc: 1.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



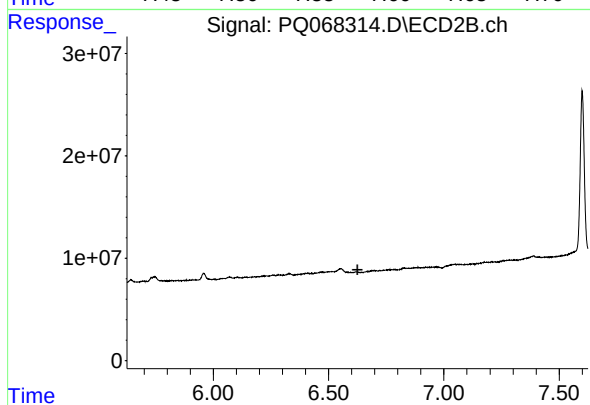
#38 AR-1262-3

R.T.: 6.554 min
Delta R.T.: -0.010 min
Response: 2074252
Conc: 6.04 ng/ml



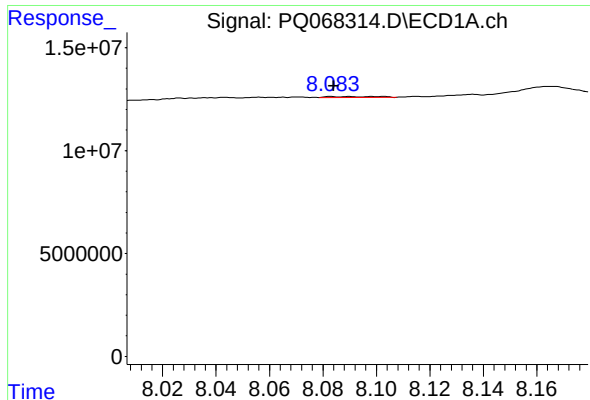
#39 AR-1262-4

R.T.: 7.599 min
Delta R.T.: 0.018 min
Response: 1384066
Conc: 4.04 ng/ml



#39 AR-1262-4

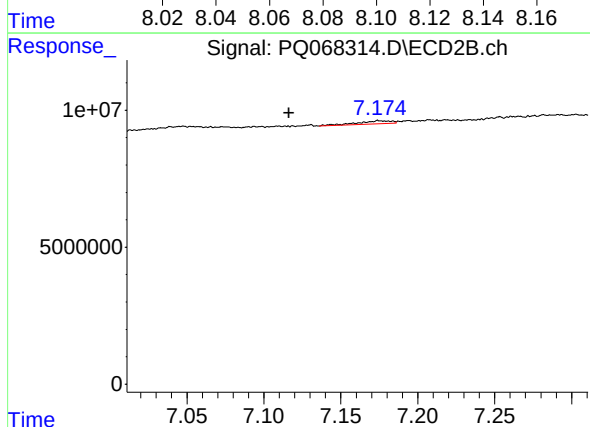
R.T.: 0.000 min
Exp R.T.: 6.625 min
Response: 0
Conc: N.D.



#40 AR-1262-5

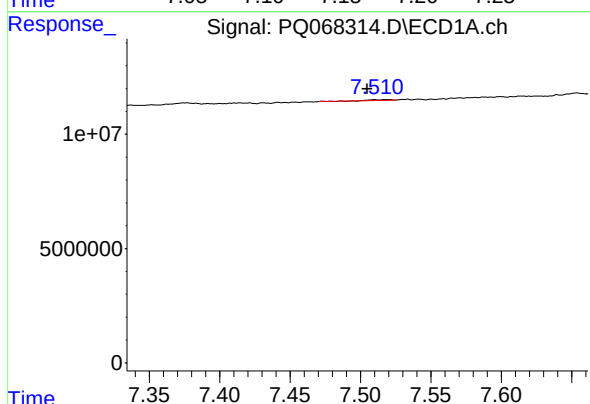
R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 678699
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



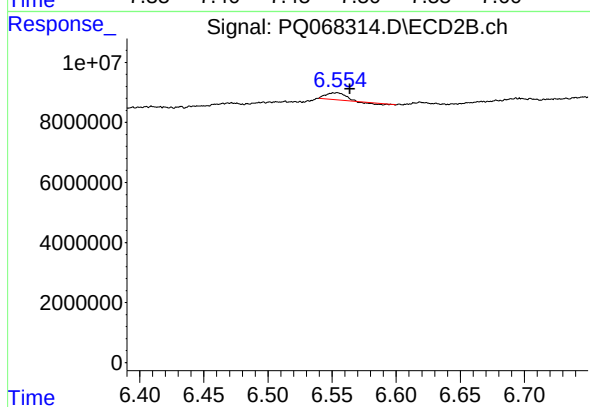
#40 AR-1262-5

R.T.: 7.175 min
Delta R.T.: 0.058 min
Response: 1813048
Conc: 5.80 ng/ml



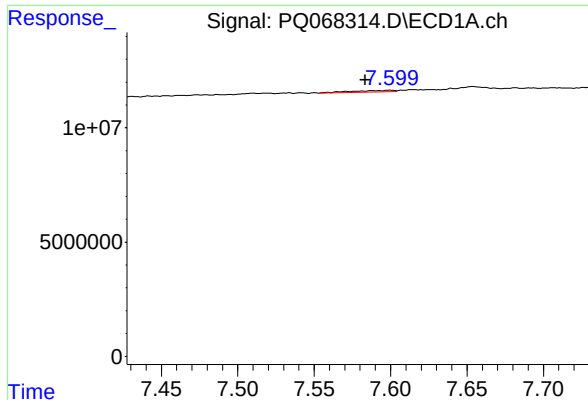
#41 AR-1268-1

R.T.: 7.520 min
Delta R.T.: 0.015 min
Response: 516577
Conc: 0.67 ng/ml



#41 AR-1268-1

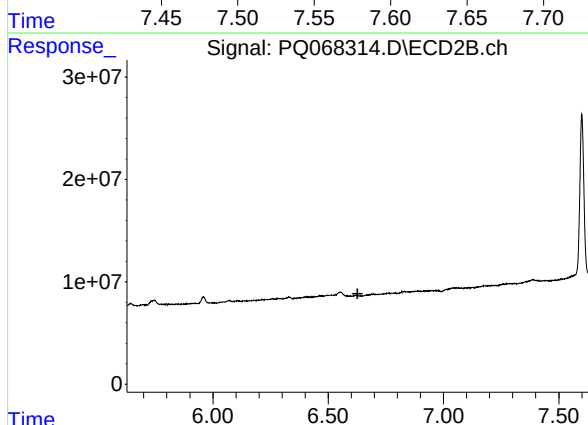
R.T.: 6.554 min
Delta R.T.: -0.011 min
Response: 2074252
Conc: 2.08 ng/ml



#42 AR-1268-2

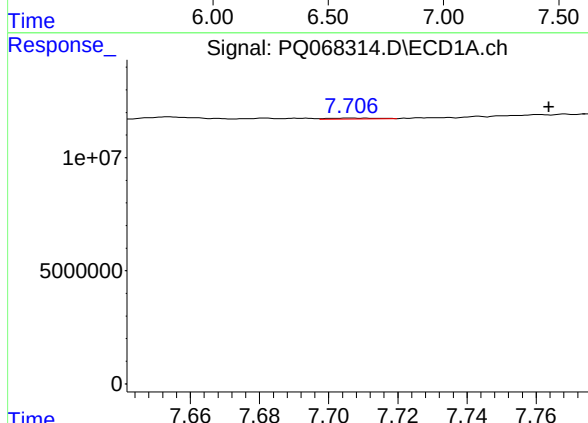
R.T.: 7.599 min
Delta R.T.: 0.016 min
Response: 1384066
Conc: 1.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



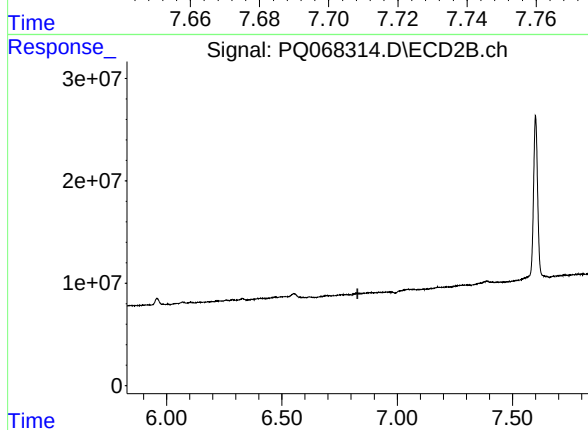
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 6.627 min
Response: 0
Conc: N.D.



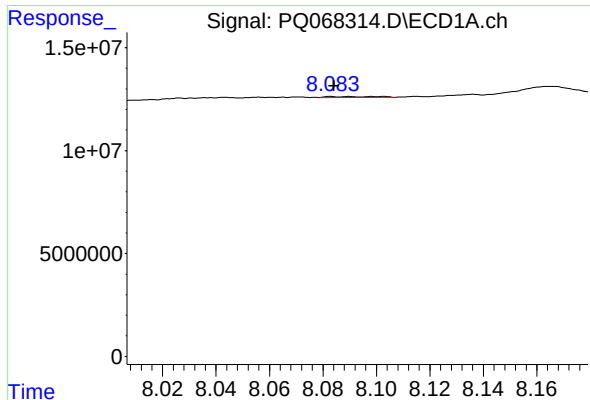
#43 AR-1268-3

R.T.: 7.707 min
Delta R.T.: -0.057 min
Response: 409655
Conc: 0.71 ng/ml



#43 AR-1268-3

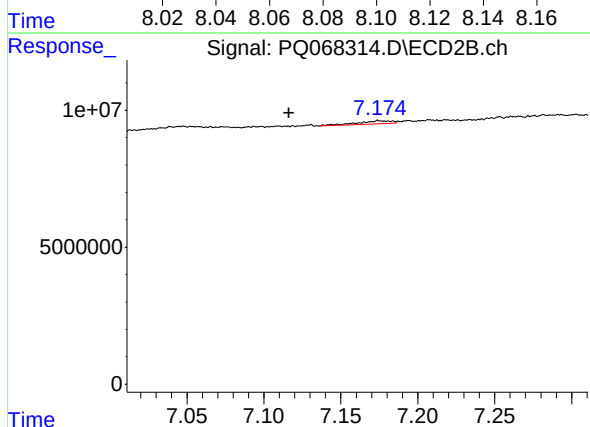
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: -915185
Conc: N.D.



#44 AR-1268-4

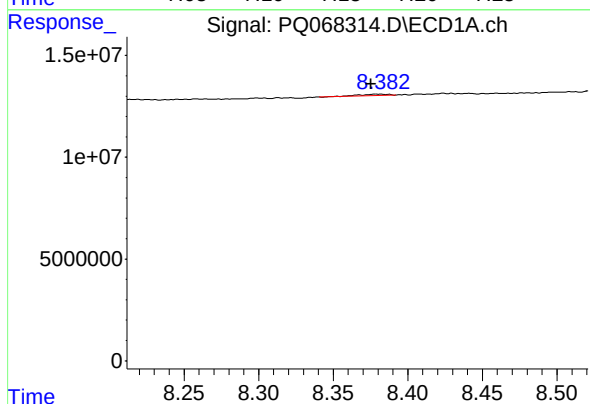
R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 678699
Conc: 2.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DCYA6



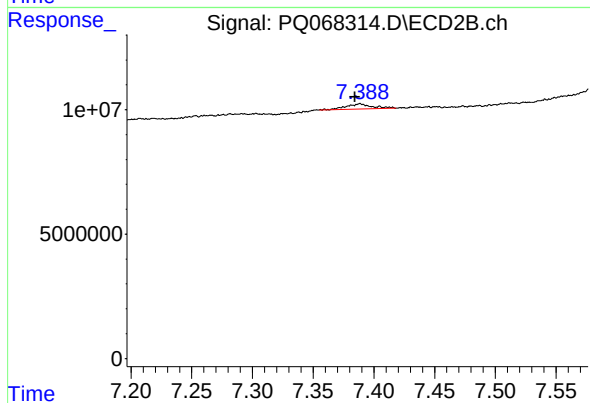
#44 AR-1268-4

R.T.: 7.175 min
Delta R.T.: 0.058 min
Response: 1813048
Conc: 5.16 ng/ml



#45 AR-1268-5

R.T.: 8.382 min
Delta R.T.: 0.006 min
Response: 848197
Conc: 0.52 ng/ml



#45 AR-1268-5

R.T.: 7.389 min
Delta R.T.: 0.004 min
Response: 3154121
Conc: 1.31 ng/ml